

## EAST Search History

L9	111	microfluid\$4 same (pump\$3 micropump) same layers and (pdms Polydimethylsiloxane) not I1	US-PGPUB; USPAT	OR	ON	2007/01/03 16:58
L10	4	ouellet.in. and fluidic.ti.	US-PGPUB; USPAT	OR	ON	2007/01/03 16:59
S1	6	("4252664" "5725363" "6033628" "6068752" "6176962" "6254754"). PN.	US-PGPUB; USPAT	OR	OFF	2006/03/20 09:07
S2	6744	fujii.in.	US-PGPUB; USPAT	OR	OFF	2006/03/20 09:07
S3	1	fujii.in. and microfluidic adj device. ti.	US-PGPUB; USPAT	OR	OFF	2006/03/20 09:08
S4	1	fujii.in. and microfluidic adj device	US-PGPUB; USPAT	OR	ON	2006/03/20 09:46
S5	3950	microfluid\$3 and pump and (through\$6)	US-PGPUB; USPAT	OR	ON	2006/03/20 09:46
S6	1461	microfluid\$3 and pump and through adj (hole channel)	US-PGPUB; USPAT	OR	ON	2006/03/20 09:46
S7	37	microfluid\$3 and pump and through adj (hole channel) and self adj seal\$3	US-PGPUB; USPAT	OR	ON	2006/03/20 09:48
S8	42	microfluid\$3 and pump\$3 and through adj (hole channel) and self adj seal\$3	US-PGPUB; USPAT	OR	ON	2006/03/20 09:49
S9	15	microfluid\$3 and pump\$3 same through adj (hole channel) and self adj seal\$3	US-PGPUB; USPAT	OR	ON	2006/03/20 09:59
S10	2	microfluid\$3 and pump\$3 same (through-hole through-channel) and self adj seal\$3	US-PGPUB; USPAT	OR	ON	2006/03/20 10:01
S11	21	microfluid\$3 and pump\$3 same (through-hole through-channel)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:09
S12	4	microfluid\$3 and pump\$3 same (through-hole through-channel) and (elastic)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:48
S13	66	microfluid\$3 and pump\$3 and (through-hole through-channel) and (elastic)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:21
S14	7	microfluid\$3 and pump\$3 and (through-hole through-channel) and (elastic) with seal\$3	US-PGPUB; USPAT	OR	ON	2006/03/20 10:22
S15	11	microfluid\$3 and pump\$3 and (through-hole through-channel) and (elastic with seal\$3 self adj seal\$3)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:25

## EAST Search History

S16	5	microfluid\$3 and pump\$3 and (through-hole through-channel) and (self adj seal\$3)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:23
S17	21	microfluid\$3 and pump\$3 same (through-hole through-channel)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:48
S18	18	microfluid\$3 and pump\$3 same (through-hole through-channel) and layer	US-PGPUB; USPAT	OR	ON	2006/03/20 10:52
S19	599	microfluid\$3 and pump\$3 same (through adj hole through adj channel)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:52
S20	232	microfluid\$3 same pump\$3 same (through adj hole through adj channel)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:53
S21	70110	("422").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/20 10:53
S22	68	S20 and S21	US-PGPUB; USPAT	OR	OFF	2006/03/20 10:53
S23	4	microfluid\$3 same pump\$3 same (through adj hole through adj channel) and (self adj sealing)	US-PGPUB; USPAT	OR	ON	2006/03/20 10:55
S24	64	microfluid\$4 same pump same (pdms Polydimethylsiloxane)	US-PGPUB; USPAT	OR	ON	2007/01/03 12:37
S25	116	microfluid\$4 same (pump\$3 micropump) same (pdms Polydimethylsiloxane)	US-PGPUB; USPAT	OR	ON	2007/01/03 15:58
S26	6	("4252664" "5725363" "6033628" "6068752" "6176962" "6254754"). PN.	US-PGPUB; USPAT	OR	OFF	2007/01/03 12:38
S27	3	S26 and pump\$3	US-PGPUB; USPAT	OR	ON	2007/01/03 12:38
S28	1	S26 and pump\$3 and (pdms Polydimethylsiloxane)	US-PGPUB; USPAT	OR	ON	2007/01/03 12:38